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BIOREDD+ PROGRAM

PERFORMANCE MANAGEMENT PLAN

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BIOREDD+ PERFORMANCE MANAGEMENT PLAN

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SECTION A. INTRODUCTION

BIOREDD+'s goal directly supports Development Objective 4 (DO4), which is to strengthen Colombian's efforts to sustainably manage the country's environmental resources. It will focus on the bio-geographic region of the Colombian Chocó and will work with a broad spectrum of stakeholders from national-level government entities, regional government institutions to local- level councils and community organizations, and the private sector.

BIOREDD+ will support the achievement of DO4 through the following intermediate results at the Program level:

IR 4.1 Environmental Governance Strengthened

IR 4.2 Climate change mitigation and adaptation improved

IR 4.3 Conservation of biodiversity improved

During its third year of implementation, BIOREDD+ also launched activities under Development Objective 1 – DO1 Civilian Government Presence in CSDI Zones Consolidated, following a January 11, 2013 change order (Modification 3). The DO's goal is to improve the economic and social conditions of vulnerable Colombians through effective rights-based institutional presence, including helping the GOC increase its presence, expand economic opportunities, and foster the provision of social services for Colombians most vulnerable to the effects of the illicit economy and impact of the conflict.

BIOREDD+ will support the achievement of DO1 through the following intermediate results at the Program level:

IR 1.2 Social Development Strengthened

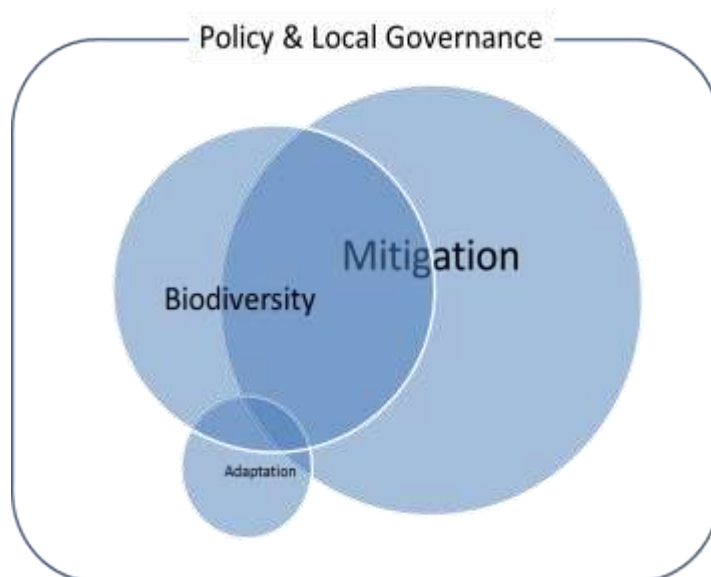
The Chief of Party is responsible for overall implementation, reporting results and interfacing with USAID regarding contract performance and compliance. The M&E group will work closely with the EAF and technical group, and will equip EAF partners with the tools needed to accurately gather data to contribute to the project's performance monitoring. EAF implementing partners will be trained by the M&E group to ensure that they are accurately tracking activities and collecting information to assess if BIOREDD+ is meeting project targets. The M&E group will analyze the data and realize site visits to continually improve and identify any gaps in the data collection process.

SECTION B. DESCRIPTION OF PROJECT RESULTS FRAMEWORK

As represented in the program's conceptual framework (see Figure 2) BIOREDD+ is an integrated initiative that seeks to link biodiversity and climate change activities (mitigation and adaptation) wherever possible. Policy work is, by in large, intended to improve the enabling environment in which these activities play out, rather than serve as stand-alone activities.

Implementation efficiency in the field can best be achieved by developing activities that occupy the shaded area where climate change and biodiversity overlap¹. Within BIOREDD+, these activities are almost always “sustainable production activities” that either directly or indirectly reduce pressure on forests, while responding to demonstrable biodiversity threats.

Figure 2. New Conceptual Framework

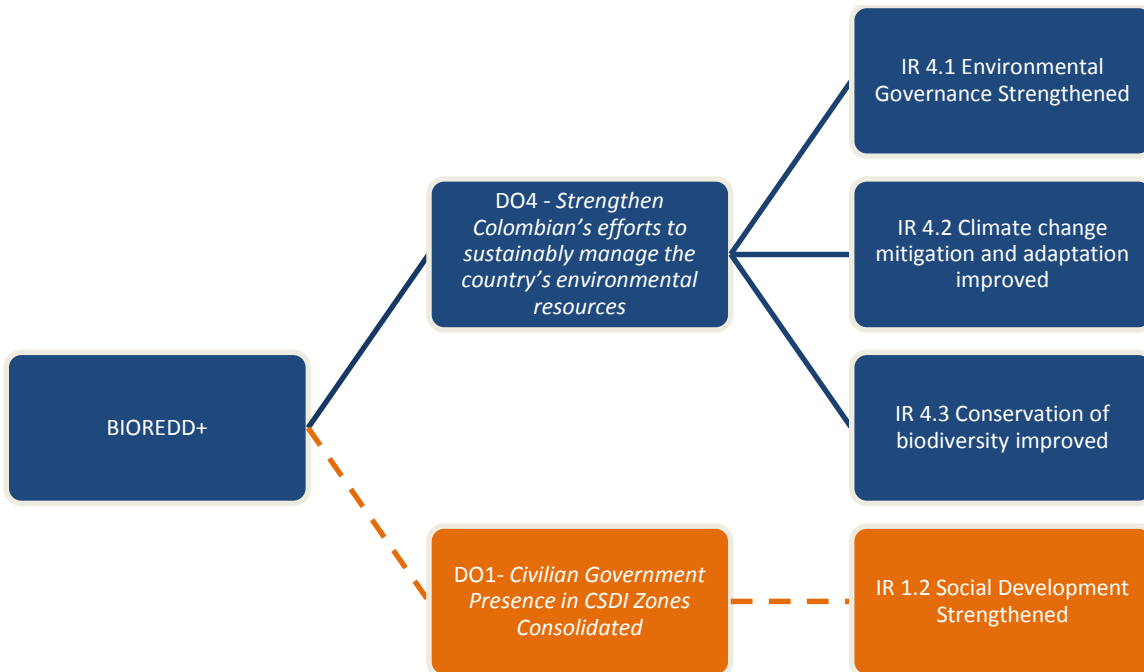


Consistent with this framework, the development of stronger local governance and public-private partnerships, the leveraging of external resources, and sustainable livelihoods initiatives are all considered cross-cutting mechanisms essential for successful climate change, biodiversity and adaptation initiatives, rather than separate activity areas or ends in their own right.

BIOREDD+ interventions under DO1 will promote greater security in key mining areas of Northern Antioquia through the improvement of the environmental, economic and social performance of informal mining activities in a way that can be expanded to other regions of Colombia.

According with the USAID’s Developed Objectives 4 and 1, the project results framework is presented in Figure 3 below.

¹ Theoretically, successful REDD+ initiatives that preserve or enhance forestlands will always be synonymous with biodiversity conservation. In this context however, mention of an “overlap” refers to those climate change or biodiversity activities specifically financed by BIOREDD+.



SECTION C. APPROACH TO MONITORING, EVALUATION, ANALYSIS, AND COMMUNICATION

As defined in ADS 203, performance management is the systematic process of monitoring the achievements of program operations by collecting and analyzing performance information to track progress toward planned results. A Monitoring and Evaluation (M&E) Plan is a critical tool for planning and managing the process of assessing and reporting progress towards achieving a development objective. M&E plans promote the collection of *comparable* data by sufficiently documenting indicator definitions, sources, and methods of data collection.

The M&E plan corresponds to BIODDED+'s contractual obligations to USAID Performance monitoring is a continuous process of collecting and analyzing data for performance indicators and comparing them to the expected results. This process allows managers to determine whether an activity is making progress towards its intended results (achievement of outputs). Evaluation is the periodic assessment of a project's relevance, performance, efficiency, and impact (both expected and unexpected) in relation to stated objectives.

Consistent with the requirements of 22 CFR 216 (ADS 204), BIODDED+'s M&E processes incorporate the review of activities for potential environmental impacts and recommended mitigating measures to reduce or eliminate adverse impacts. To accomplish this responsibility, the project will use USAID-Colombia's M&E "Monitor" system to determine the level of environmental review and assessment required. When necessary, BIODDED+ will undertake environmental impact assessments or prepare Initial Environmental Evaluations (IEE) for USAID' review of proposed activities.

BIODDED+'s approach to M&E is guided by the following principles:

Results-oriented. Each of our indicators is linked to a specific result or process. The M&E system is designed to maximize the achievement of results through continual review and adaptive management.. The task of the system will be to translate M&E data into relevant conclusions that guide and correct implementation, as necessary.

Learning process. The M&E system will contribute to improve practices, foster learning, and generate knowledge about how and why changes happen.

Participatory. Performance management is most effective when it involves the entire project team and relevant stakeholders.

Internal and External Audiences-oriented. The BIOREDD+ M&E system serves two interrelated purposes: (i) to help BIOREDD+ report on results to USAID and other external stakeholders; and (ii) to help BIOREDD+ improve implementation and achieve results.

BIOREDD+ seeks to integrate a gender perspective into program activities and its monitoring plan through the cross-cutting theme: a focus on inclusion. This focus includes the use of gender analysis and recognizes that indigenous and Afro-Colombian people often have approached economic initiatives and the management of natural resources in different but compatible ways. The use of gender analysis and the development of the BIOREDD+ gender strategy seek to improve the management and conservation of the targeted regions in which BIOREDD+ works.

As it is important that the PMP remain relevant to the project's objectives and useful for both monitoring and management of the project, the project team will review the PMP and indicators annually and make the necessary adjustments. To help make effective management decisions, the BIOREDD+ team will internally review and analyze performance data during the course of the fiscal year and adjust activities, as necessary, to maximize results.

Annex C presents the BIOREDD+ M&E calendar. The following table outlines scheduled BIOREDD+ performance reviews:

<i>Type of Review</i>	<i>When</i>	<i>Purpose</i>
Partner Activity Progress Review	Monthly/quarterly (depending on activity)	Informal monitoring of partner activities through review of partner progress reports and discussion. Data validation.
Site visits review	Occasional According time line of activities by sub-regions	Visits of verifying data reported by partners Examine how beneficiaries view the quality of the assistance they received.
Data quality assessment -	A continuously internal process	Determine if BIOREDD+ performance data are adequate for management purposes
External Performance Evaluation	As determined by USAID	Assess whether the program achieved its objectives. This assessment will entail a non-experimental external evaluation of project performance.

SECTION D. CRITICAL ASSUMPTIONS

The project's ability to achieve results outlined in its M&E system depends on the following assumptions:

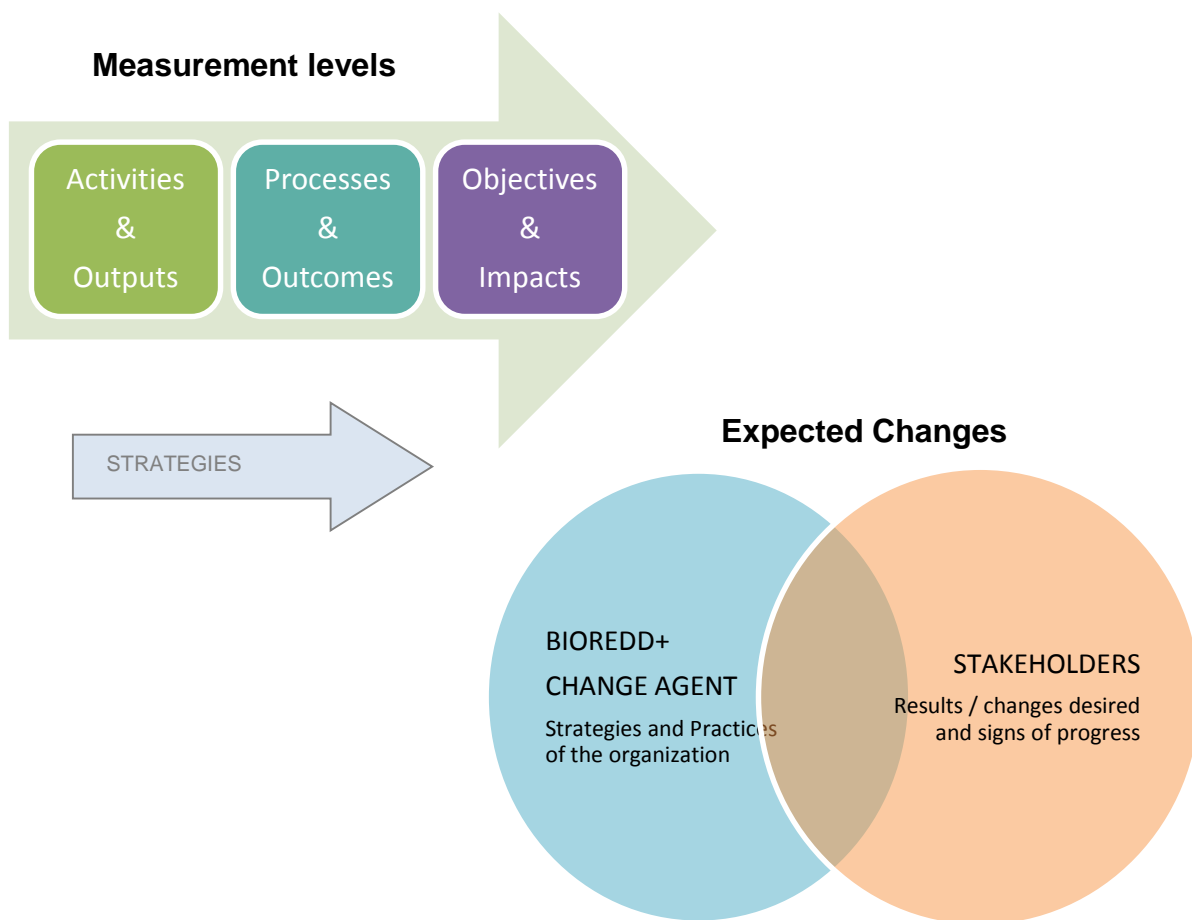
- A security situation in target areas that is conducive for project implementation;
- Sufficient flexibility by USAID to allow for adaptive management;
- Continued support by local government.

SECTION E. PERFORMANCE MANAGEMENT PLAN

E.1 Overview of Indicators

The BIOREDD+ M&E system includes different levels of measurements: outputs, outcomes and impact. It also includes levels or units of results, over which the program will expect to produce changes. For each level of measurement and results, the system defines a set of qualitative and quantitative indicators that allows one to identify the achievement of the expected results organized in a cause-effect sequence.

Exhibit 2. Inducing Change: an illustrative example from environmental governance



Current Situation	Project Intervention	End State
Afro-Colombian and indigenous communities not fully managing or benefiting from the opportunities of natural resource and ecosystem conservation	→ Build social capital, strengthen value chains, train communities, create PPPs, develop sustainable and competitive economic options and markets	→ Local ownership and management of natural resources yielding economic opportunities and sustainable alliances with private sector that directly benefit communities
Lack of investment in and recognition of intrinsic values and opportunities of natural resource conservation and management	→ Structure alliances, develop REDD+ projects, attract private investment	→ Private investment increased and payment for environmental services under REDD+ mechanism established

The BIOREDD+ M&E System will identify the changes amongst public and private, local, regional and national stakeholders during the life of project at different levels of outputs, outcomes and impact.

Indicators have been identified for the program's overall goal, key result areas, and intermediary results in the Results Framework (RF). By assigning indicators at each level of the program RF, we are able to monitor whether the development hypothesis is correct – whether achieving the combination of lower-level results is leading to the achievement of the higher-level results.

USAID indicators. In accordance with the BIOREDD+ contract, the M&E plan incorporates 14 USAID-DO4 indicators, eight of which are Standard Foreign Assistance Indicators (“F Indicators”). Table 1 shows the list of F indicators. Table 2 shows the other USAID-DO4 PMP performance indicators.

According to USAID evaluation policy:

“...performance monitoring of changes in performance indicators reveals whether desired results are occurring and whether implementation is on track. In general, the results measured are the direct and near-term consequences of project activities. Performance indicators measure a particular characteristic or dimension of project results (outputs or outcomes) based on a project's results framework and underlying theory of change. In general, outputs are directly attributable to the program activities, while project outcomes represent results to which a given program contributes but for which it is not solely responsible.”²

Below we list the F indicators as found in Colombian Development Objective 4 (DO-4) PMP³

² USAID Evaluation Policy (2011) p.2

³ Final version, January - 2012

Table 1 List of F indicators

Indicator Title	Definition
Project Aim: To reinforce Colombian efforts to sustainably manage and utilize environmental assets in mitigating and adapting to climate change, preserving biodiversity, and promoting economic development	
DO4-001 F 4.8.1-26 Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance.	"Improved natural resource management" includes activities that promote enhanced management of natural resources for one or more objectives, such as conserving biodiversity, sustaining soil or water resources, mitigating climate change, and/or promoting sustainable agriculture.
DO4-003 F 4.8.1-6 Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	Increased economic benefits are increases in economic earnings or consumption due to sustainable management or conservation of natural resources, which can include wages, communal revenues, non-cash benefits, and economic benefits from ecosystem services. Number of people is estimated by multiplying number of households with increased benefits by average number of people/household.
IR 4.1 Environmental governance strengthened	
DO4-004 F 4.8.2-14 Number of institutions with improved capacity to address climate change issues as a result of USG assistance.	Institutions with improved capacity will be better able to govern, coordinate, analyze, advice, or make decisions related to mitigation and/or adaptation to climate change, through clean energy, or sustainable landscapes, among others. Relevant institutions include public sector entities, private sector entities, community groups, trade unions, and others. Institutional capacity is defined in terms of both organizational and technical skills, and capacity building will occur primarily through 1) provision and transfer of tools; 2) policy support; and, 3) administrative and technical support.
IR 4.1 Environmental governance strengthened Sub-IR 4.1.1. Improved national environmental policies for conserving bio-diversity and for adapting to and mitigating for impacts of global climate change	
DO4-005 F 4.8.2-28 Number of laws, policies, strategies, plans, agreements, or regulations addressing climate change (mitigation or adaptation) and/or biodiversity conservation officially proposed, adopted, or implemented as a result of USG assistance	Policies, laws, strategies, plans, agreements and regulations include those developed and formally endorsed by governmental, non-governmental, civil society, and/or private sector stakeholders to address climate change and/or biodiversity conservation issues. If a measure is not yet adopted, it must at least be formally proposed within an official government process to be reported. (List of policies.)
IR 4.2 Climate change mitigation and adaptation improved. Sub-IR 4.2.1 Increased sustainable landscape management of tropical forests to mitigate future impacts of climate change.	
DO4-007 F 4.8-7 Quantity of Greenhouse Gas (GHG) emissions, measured in metric million tons of CO2 equivalents (CO2e), reduced or sequestered as a result of USG assistance.	The amount of CO2e emissions reduced or sequestered as a result of USG programs in climate change, natural resource management, agriculture, biodiversity, energy, industry, urban, transport and other relevant sectors.
IR 4.2 Climate change mitigation and adaptation improved. Sub-IR 4.2.2 Climate change adaptation capacity improved in target regions.	
DO4-009 F 4.8.2-26 Number of stakeholders with increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance	Adaptive capacity is the ability to adjust to climate change, to moderate potential damages, to take advantage of opportunities, or to cope with the consequences. USG support to increase adaptive capacity should aim beyond only the near terms, to also have benefits in the middle and longer term.

IR 4.2 Climate change mitigation and adaptation improved. Sub-IR4.2.3 Increased access to clean energy resources.	
DO4-010 F 4.8.2-10 Amount of investment leveraged in U.S. dollars, from private and public partnership resources, for climate change as a result of USG assistance.	on: Funding leveraged, as a result of USAID assistance, for climate change programs, including REDD+, that support actions, activities, projects or programs that reduce or sequester GHGs or increase capacity to adapt to the impacts of climate variability and change.
IR 4.3 Conservation of biodiversity improved Sub-IR 4.3.2 Improved economic benefits from payment for ecosystem services.	
DO4-017 F 4.8.1-27 Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	The number of people participating in learning activities intended for teaching or imparting knowledge and information on natural resources management and biodiversity conservation to the participants with designated instructors or lead persons, learning objectives, and outcomes, conducted full-time or intermittently.

Below we list the performance indicators as found in Colombian Development Objective 4 (DO-4) PMP.

Table 2 List of performance indicators

DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
DO4-002 Number of institutions/public and private organizations with improved capacity for effective environmental resource management.	The intent of the institutional and organizational capacity building is to strengthen the network of government institutions, NGOs, and local communities to manage Colombia's environmental resources. Institutional capacity is defined in terms of both organizational and technical skills, and capacity building will occur primarily through 1) provision and transfer of tools; 2) policy support; and, 3) administrative and technical support. The indicator is the number and type of organizations supported by DO-4 projects.
IR 4.1 Environmental governance strengthened Sub-IR 4.1.2 Improved capacity to quantify ecosystem services, such as GHG sequestration, and other climate change mitigation elements resulting from biodiversity conservation.	
DO4-006 Number of mitigation and/or adaptation tools, technologies and methodologies developed, tested and/or adopted.	Technologies and methodologies can include ways to measure and calculate carbon emissions or sequestration, perform GHG inventories, and measure and monitor pollution reduction or manufacturing efficiency gains. Other examples are GIS/GPS data collection and dissemination platforms and methodologies, and improved field technologies like soil management methods or a new solar electric application.
IR 4.2 Climate change mitigation and adaptation improved. Sub-IR 4.2.1 Increased sustainable landscape management of tropical forests to mitigate future impacts of climate change.	
DO4-008 Number of REDD+ projects designed and implemented	Sustainable landscape practices reduce greenhouse gas through activities that reduce emissions from tropical forest destruction and degradation. Illustrative activities include creation or implementation of national or sub-national REDD-plus strategies, greenhouse gas inventories and accounting, forest carbon market readiness, and targeted field demonstrations and investments.
IR 4.2 Climate change mitigation and adaptation improved. Sub-IR4.2.3 Increased access to clean energy resources.	
IR 4.3 Conservation of biodiversity improved.	
DO4-012 Number of communities and other stakeholders adopting sustainable	Sustainable practices are defined here as activities adopted by communities or groups in response to a biodiversity threat, which provide social and economic

management practices to improve biodiversity conservation.	benefits to the population, and at the same time protect biodiversity by reducing or preventing threats (direct and/or indirect). The practice is defined as sustainable when it both benefits the human population and conserves biodiversity for the future.
IR 4.3 Conservation of biodiversity improved Sub-IR 4.3.1 Improved sustainable management of natural resources in protected areas and buffer zones, indigenous reserves and Afro-Colombian territories.	
DO4-015 Amount of investment (US dollars) leveraged from public and private sources for improved biodiversity conservation in protected areas and buffer zones, indigenous reserves, and Afro Colombian territories.	Funding leveraged to advance the objectives established by a USG-supported program for management of natural resources in protected areas and buffer zones, indigenous reserves, and Afro-Colombian territories. Funding may be leveraged from the public sector (e.g., other donors) or private sector financing (e.g., corporate investments), and can include funding transferred to a common funding instrument, delivered in parallel or provided in-kind.
IR 4.3 Conservation of biodiversity improved Sub-IR 4.3.2 Improved Economic benefits from sustainable natural resource management and conservation	
DO4-016 Amount of economic benefits (US dollars) from payments from ecosystem services and/or ecotourism	Increased economic benefits are increases in economic earnings from ecosystem services and/or ecotourism, which can include wages, communal revenues, non-cash benefits, and economic benefits from these services.

BIOREDD+ indicators. BIOREDD+ identified and selected a group of internal indicators related to key result areas or processes under Development Objective 4:

Table 3. BIOREDD+ Internal Indicators

<i>Key Process</i>	<i>Internal Indicator</i>	<i>Unit Measure</i>	<i>Source of Information</i>
Capacity - Building	Number of people receiving USG supported training in climate change	People	BIOREDD+ and implementers teams
	Number of government entities trained in PES implementation, including carbon market readiness	Institutions/ Organizations	BIOREDD+ and implementers teams
Improving sustainable strategies	Number of payment for ecosystem services (PES) programs designed, including carbon market readiness	PES	Climate Change Senior Advisor
	Number of reform processes (co-management, limited catch, fishing equipment) supported for sustainable fisheries management and marine conservation	Sustainable Practices	BIOREDD+ and implementers teams
Knowledge management	GIS-based, M&E and reporting system developed	Database	M&E group
	Number of Colombian government and other stakeholders receiving project-generated knowledge products	Institutions/ Organizations	Communication specialist

BIOREDD+ identified and selected a group of 10 internal indicators related to the mining sector under USAID-DO1.

<i>No. Indicator</i>	<i>Indicator</i>	<i>Unit Measure</i>	<i>Source of Information</i>
BR-1-01	Number of hectares of land affected by mining rehabilitated.	Hectares	BIOREDD+ and implementers teams
BR-1-02	Number of miners accessing new markets that recognize the economic value of gold from mining operations with high environmental and social performance	People	BIOREDD+ and implementers teams
BR-1-03	Number of mining operations reducing mercury use by at least 25 percent	Mining Unit	Technical assistance subcontracting
BR-1-04	Number of miners operating with formal mining rights	Mining Unit	BIOREDD+ and implementers teams
BR-1-05	Number of small producer associations with strengthened capacity to provide legal and technical assistance to their associates and to participate in the implementation of environmental monitoring and compliance	Organization	BIOREDD+ and implementers teams
BR-1-06	Number of municipalities with strengthened capacity to provide technical, legal and organizational assistance to small mining operations and organizations.	Entity	BIOREDD+ and implementers teams
BR-1-07	Number of incentives developed or used to promote and support formalization of small mining operations	Incentives	BIOREDD+ and implementers teams
BR-1-08	Number of miners trained in environmental regulation, labor obligations, improved technology, resiliency and best practices	People	BIOREDD+ and implementers teams
BR-1-09	Number of new legal and regulatory instruments (designed, proposed, adopted) to facilitate the improvement and formalization of informal miners.	Mandates	BIOREDD+ and implementers teams
BR-1-10	Number of recipients of a communication's campaign to foster a culture of legality in the region.	People	Communication's specialist

E.2 Baseline and Targets

Annex A and B presents the BIOREDD+ performance indicator tables with the name of the indicators, units of measure, disaggregation, data sources, baseline data and targets. For BIOREDD+'s purposes, with respect to intermediate results (IRs) the baseline for the majority of our performance indicators is zero (0).

As detailed in to the performance indicator reference sheets (provided in Annex B), the BIOREDD+ M&E group will design the instruments that will allow for measuring achievements and change between the initial and post intervention situations.

E3. Data Sources and Data Collection Methods

The information needed for M&E comes from different sources. Besides using internal implementation instruments, such as pre-award institutional evaluations, and training event participant information, the project will incorporate the collection of M&E data into implementation instruments such as grants and sub-contracts. BIOREDD+ will set up a system to satisfy periodic reporting requirements based on information derived from its implementation mechanisms.

From time to time BIOREDD+ will enter into subcontracts or secure technical assistance through consultants to undertake baseline studies, report on success stories and undertake pre-activity surveys at levels commensurate with the nature of data needs and interventions.

Data will be collected on either a monthly, quarterly, or annual basis, depending on the indicator and contractual reporting requirements. The specific data source and frequency of collection and reporting for each indicator are identified in Annex B. Generally, they can be grouped in the following four categories:

- Primary data from project records.
- Primary data collection through direct observation.
- Primary data collection through interviews and focus groups.
- Secondary data from project partners or public records.

At the community level BIOREDD+ will utilize qualitative methodologies to identify behavior and knowledge changes, but also as a participative option to share and build knowledge for effective management of natural resources. The qualitative methodologies allows one to go deeper in how and why questions.

Quarterly reports will be used between the BIOREDD+ team to identify and review the changes achieved. The M&E and Communications groups will collect success stories and create case studies or mini case studies.

E.4 Data Storage and Analysis Systems

To support our M&E structure, we will employ a DevResults database developed with help from CaudillWeb. DevResults has been designed to be the project's central management

tool. Additionally BIOREDD+ will use GIS to store, access, manage, process, analyze and visualize geographic data. Where additional GIS data is required beyond that which is already included the BIOREDD+ data base, more sophisticated GIS analysis will be contracted from outside sources. BIOREDD+ also will use the USAID M&E clearinghouse MIS – MONITOR as a management tool. MONITOR will be used to monitor environmental activities and their related performance indicators.

While the project's M&E data will also be tracked in USAID's MONITOR database, the BIOREDD+ database will provide project staff with a repository of information relevant for performance monitoring and evaluation (e.g., grants, subcontracts, results-based payments and GIS information) and communications for each activity during implementation. The BIOREDD+ team will continue to work with the MONITOR system administrators to ensure consistency and quality of data in the program database as well as MONITOR.

E5. Data Quality Control

The significant issues regarding data collection will be to ensure timely collection, consistency, reliability, and quality of collected data.

To ensure timely data collection, the project has instituted systematic monthly or quarterly reporting procedures between the partners and the project. Data collection relies upon pre-designed methodologies and tools to ensure consistency and reliability.

The most important action to guarantee the quality of data will be training the BIOREDD+ implementing partners and BIOREDD+ team about the correct form to register and report information. The ongoing training of project staff and project partners will ensure that all M&E contributors understand and use the correct process for collecting, processing and reporting data. A technical supervisor designated for each activity under the EAF will be the linkage between the implementing partner and M&E group. Each supervisor has primary responsibility to review and periodically validate performance data collected and reported. As part of regular site visits, BIOREDD+ technical staff will review the data collected and results achieved. The M&E group will program occasional visits to verify the process of collecting and reporting data, and to validate the information in field directly with beneficiaries. USAID will also conduct site visits with USAID's contracted M&E firm, currently DevTech.

The M&E group will also examine the quantitative data to identify common errors including logical inconsistencies, out-of-range values, and significant departure for trends, between others. Also the M&E group is responsible for verifying data against original sources and other forms of verification that may be required.

The M&E group will implement a continuous internal data quality assessment process. This process will involve the review of five quality standards in program M&E systems: valid representation of performance, integrity of data free from manipulation, precision of data, reliability of data, and timeliness of data collection. Findings will be used to update indicator sheets and identify improvements in data collection and use. USAID will also conduct data quality assessment through USAID's current contracted M&E provider, DevTech.

The following topics are included in the internal data quality assessment process:

- Written procedures are in place for data collection;

- Data are collected using a consistent collection process;
- Data are collected by qualified personnel and personnel are properly supervised;
- Duplicate data are detected;
- Safeguards are in place to prevent unauthorized changes to the data; and
- Source documents are maintained and readily available.

E6. Data Analysis and Reporting

Data analysis should allow for both decision-making and reporting to client and stakeholders the principal outputs and outcomes achieved during the execution of project. BIOREDD+, M&E Program and USAID staff and BIOREDD+ partners have specific roles and responsibilities in the overall performance monitoring system. The following table outlines these responsibilities for each of the major steps in the monitoring process.

<i>Major Steps</i>	<i>When</i>	<i>Responsibility</i>
Collecting performance data	Continuously	BIOREDD+ partners and team
Conducting evaluations and special studies	As needed	Consultants, subcontractors, grantees, M&E group.
Reviewing performance information	As needed	BIOREDD+ Team, M&E Program, USAID M&E Team
Reporting performance results	Quarterly	BIOREDD+ partners and Team
Assessing data quality	Continuously	BIOREDD+ M&E group
Reviewing and updating the PMP	Annually	BIOREDD+ Team, M&E Program, USAID M&E Team

One of the first levels of analysis will be at the point of collection; that is, at the partner and technical staff levels. All result areas will report on activity progress at least quarterly.

The project will submit quarterly reports to USAID on terms defined by USAID Colombia. The M&E group will ensure that all M&E data and information from the project are easily accessible and readily convertible into USAID's internal reporting systems. Our reports will also provide contextual analysis when factors beyond the project's control affect M&E information.

The annual report will contain in-depth analysis of annual progress, an update of annual targets, discussions of progress and hurdles, and a presentation of success stories, lessons learned, and best practices. In addition to providing quantitative data, the technical staff will also make written narratives available covering major achievements during the reporting period and/or major obstacles that hampered progress.

According to the BIOREDD+ gender strategy, the indicators which refer to households or people will be used to monitor our focus on gender by collecting data disaggregated by sex.

The gender perspective will be introduced through monitoring and evaluation instruments including those that capture the perceptions of males and females about the activities supported by BIOREDD+ in each of the intervention levels of the program.

The project will submit quarterly reports to USAID on terms defined by USAID Colombia. The M&E manager will ensure that all M&E data and information from the project are easily accessible and readily convertible into USAID's internal reporting systems. Our reports will also provide contextual analysis when factors beyond the project's control affect M&E information.

All action that requires environmental review will be entered into MONITOR system. Quarterly, the corresponding technical supervisor on the BIOREDD+ team will update data required for environmental compliance.

E7. Responsibilities of Staff

Technical staff, in coordination with the M&E group, will work with partners to set goals and targets for each activity, which will also be captured in the BIOREDD+ database and the MONITOR system. Ultimately, however, the BIOREDD+ M&E group is responsible for tracking and ensuring accurate reporting of the results of this program.

BIOREDD+'s M&E group is made up of the M&E manager and one specialist. The M&E group will be responsible for organizing the processes surrounding data collection, working in collaboration with technical and EAF staff on the project. This group will ensure that the BIOREDD+ technical team, subcontractors and grantees are equipped to collect data; that they collect them consistently and at the appropriate frequency in accordance to the M&E plan data collection schedule. The M&E group will make sure that the subcontractors and the grantees have fulfilled the BIOREDD+ reporting requirements. The M&E group will verify data quality, analyze and report trends. This group will also review the appropriateness of the M&E plan annually and make necessary additions or adjustments to the existing indicators.

The technical supervisor designated for each activity of the BIOREDD+ team is the link between the implementing partner and M&E group. Each supervisor has the responsibility to serve as the primary reviewer of performance data collected and reported, thus ensuring data quality. Technical supervisors have the responsibility of monitoring and assessing the compliance of environmental management plans when necessary. These individuals will integrate data quality assessment and signals of results achievements into ongoing activities.

SECTION F. PERFORMANCE EVALUATION

According to USAID's Evaluation Policy and given the size and timing of BIOREDD+, an external evaluation is required. As defined in USAID's Evaluation Policy:

...performance evaluations focus on descriptive and normative questions: what a particular project or program has achieved (either at an intermediate point in execution or at the conclusion of an implementation period); how it is being implemented; how it is perceived and valued; whether expected results are occurring; and other questions that are pertinent to

program design, management and operational decision making. Performance evaluations often incorporate before-after comparisons, but generally lack a rigorously defined counterfactual.

The terms of reference for this external evaluation will be developed by USAID in close collaboration with the BIOREDD+ team. Based on BIOREDD+'s overall objective, intermediate and sub intermediate results, and taking into account the principal strategies defined for the project's execution, the performance evaluation would consider:

- Program relevance to the needs of the stakeholders (by result levels) / sustainability
- Program implementation mechanisms
- Program participative and consultative processes
- Lessons learned
- Key recommendations

ANNEX A. CONSOLIDATED LIST OF INDICATORS AND TARGETS FOR DO4 RESULTS FRAMEWORK

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMMULATIVE TARGETS				Total LOP
						Y1	Y2	Y3	Extension	
BR-4-001	Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance.	Hectares	Geographical coverage and Ecosystem	Official records or calculation with GIS or GPS; sustainable agriculture beneficiary household form; community adopting sustainable practices form; PDD of project REDD+.	0	200,000	200,000	400,000	400,000	400,000
BR-4-002	Number of institutions /organizations public and private with improved capacity for effective environmental resource management.	Institutions/ Organizations	Geographical coverage, type of entity and institutional level.	Institutional monitoring form; Organizational strengthening form.	0	6	14	30	30	30
BR-4-003	Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	Person	Geographic area	Records of production, sales or salaries of organizations /enterprises involved in value chains or beneficiary households	0	0	3,000	7,000	7,000	7,000

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMULATIVE TARGETS				Total LOP
						Y1	Y2	Y3	Extension	
BR-4-004	Number of institutions with improved capacity to address climate change issues as a result of UGS assistance.	Institutions/ Organizations	Geographical coverage, type of entity and institutional level.	Institutional monitoring form; Organizational strengthening form.	0	10	11	15	15	15
BR-4-005	Number of laws, policies, strategies, plans, agreements, or regulations addressing climate change (mitigation or adaptation) and/or biodiversity conservation officially prepared, proposed, adopted, or implemented as a result of USG assistance.	Mandates	'Mandate' type, type of entity and institutional level, policy framework	Monitoring form by 'mandate': prepared, proposed, adopted and/or implemented.	0	2	14	24	24	24
BR-4-006	Number of mitigation and/or adaptation tools, technologies and methodologies developed, tested and/or adopted.	Innovations	Scale: developed, tested or adopted	Monitoring form by tool, technology and/or methodology: developed, tested and/or adopted.	0	0	4	4	5	5
BR-4-007	Quantity of Greenhouse Gas (GHG) emissions, measured in metric million tons of CO2 equivalent (CO2e), reduced or sequestered as a result of USG assistance	Metric Million Tons CO2e	Geographical coverage; Emission/sequestration source.	Estimates for each REDD+ project delivered by subcontractors under EAF	0	1	1	18	18	18

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMULATIVE TARGETS				Total LOP
						Y1	Y2	Y3	Extension	
BR-4-008	Number of REDD+ projects designed and implemented	REDD+ Projects	Geographical coverage, Scale: 1- designed (PDD completed); 2- validated (validated by international auditors according to internationally accepted REDD+ standards); 3- Marketed (seek funding for activity).	Monitoring form by REDD+ project by phases.	0	0	0	8 (market ed)	8 (market ed)	8
BR-4-009	Number of stakeholders with increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance.	Communities /organizations	Geographic Area	Monitoring form by practices and communities.	0	0	0	8	8	8
BR-4-010	Amount of investment leveraged in U.S. dollars, from private and public partnership resources, for climate change as a result of USG assistance.	Dollars (millions)	Type of sources funds	Data collection by EAF partners and revised and approved by EAF and FINOPS groups / Agreements under REDD+ projects (ERPAs)	0	0	0	9	9	9
BR-4-011	Number of communities and other stakeholders adopting sustainable practices to improve biodiversity conservation.	Communities	Geographic area	Monitoring form by practices and communities.	0	0	10	17	17	17

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMMULATIVE TARGETS				Total LOP
						Y1	Y2	Y3	Extension	
BR-4-012	Amount of investment leveraged from public and private partnership sources for management of natural resources in protected areas and buffer zones, indigenous reserves (<i>resguardos</i>) and Afro-Colombian territories (<i>consejos comunitarios</i>).	Dollars (Millions)	Type of sources funds	Data collection by EAF partners and revised and approved by EAF and FINOPS groups	0	0	1,2M	2,2M	2,2M	2,2M
BR-4-013	Amount of economic benefits (US dollars) from payments from ecosystem services and/or ecotourism through public and private partnerships	Dollars	Geographic Area	Disbursements under REDD+ projects (ERPAs), ecotourism or biodiversity conservation agreements	0	0	1M	2M	2M	2M
BR-4-014	Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	Persons	Geographic area, sex, ethnicity, age.	Data collection by project technical team and EAF partners /Training Attendance Sheets	0	200	2,000	4,600	4,600	4,600
BR-4-015	Number of individuals receiving USG supported training in climate change.	Persons	Geographic area, sex, ethnicity, age, professional or organizational role	Data collection by project technical team and EAF partners	0	100	500	1,200	1,500	1,500
BR-4-016	Number of government entities trained in PES implementation, including carbon market readiness	Institutions/ Organizations	Geographical coverage, type of entity and institutional level.	Data collection by project technical team and EAF partners / Training Attendance Sheets	0	4	8	13	13	13

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMMULATIVE TARGETS				Total LOP
						Y1	Y2	Y3	Extension	
BR-4-017	Number of payment for ecosystem services (PES) programs designed, including carbon market readiness	PES	Level (national, regional, local), ecosystem service (water supply, carbon sequestration)	Data collection by project technical team and EAF partners	0	1	3	4	4	4
BR-4-018	Number of reform processes supported for sustainable fisheries management and marine conservation	Reform process	Geographical coverage: Level	Data collection by project technical team and EAF partners	0	1	2	3	3	3
BR-4-019	Number of Colombian government and other stakeholders receiving project-generated knowledge products	Institutions/ Organizations	Level (national, regional, local), sector, relevant responsibility	Data collection by communication specialist	0	0	5	20	20	20
BR-4-020	GIS-based, M&E and reporting system developed	Database	None	Data collection by M&E group	0	1	1	1	1	1

CONSOLIDATED LIST OF INDICATORS AND TARGETS FOR DO1 RESULTS FRAMEWORK (MINING)

No.	Indicator	Unit	Disaggregation	Data source	Base line	CUMMULATIVE TARGETS			Total LOP
						Y2	Y3	Extension	
BR-1-001	Number of hectares of land affected by mining rehabilitated.	Hectares	Geographical coverage and Ecosystem	Data collection by project technical team and EAF partners	0	0	300	600	600
BR-1-002	Number of miners accessing new markets that recognize the economic value of gold from mining operations with high environmental and social performance.	Miners	Gender, age, location, market accessed	Data collection by project technical team and EAF partners Surveys and case studies of beneficiaries	0	30	50	100	100
BR-1-003	Number of mining operations reducing mercury use by at least 25%	Mining operation	Geographic area	Data collection by BIOREDD+ Antioquia staff	8 Gr Hg/ 1 Gr Au mine	0	20	30	30
BR-1-004	Number of mining operations with formal mining rights.	Mining operation	Geographical coverage / location; Type of exploitation.	Data collection by BIOREDD+ Antioquia staff	0	40	60	60	60
BR-1-005	Number of small producer associations with strengthened capacity to provide legal and technical assistance to their members and to participate in monitoring their environmental performance.	Organization	Geographical coverage, type of organization, location	Data collection by project technical team and EAF partners Surveys and case studies of beneficiary organizations	0	1	3	3	3
BR-1-006	Number of municipalities with strengthened capacity to provide technical, legal and organizational assistance to	Institutions/ Municipalities	Geographical coverage, type of entity and institutional level.	Data collection by BIOREDD+ staff	0	1	3	1	5

	small mining operations.								
BR-1-007	Number of incentives developed or used to promote and support formalization of small mining operations	Incentives	Type of incentive promoted or developed	Data collection by project technical team and EAF partners	0	3	3	3	3
BR-1-008	Number of miners trained in environmental regulation, labor issues, improved technology and best practices	People	Gender, skill developed.	Data collection by project technical team and EAF partners	0	200	200	250	250
BR-1-009	Number of new legal and regulatory instruments (designed, proposed, adopted) to facilitate the improvement and formalization of informal miners.	Mandates	'Mandate' type, type of entity and institutional level,	Monitoring form by 'mandate': designed, proposed, adopted.	0	1	3	3	3
BR-1-010	Number of recipients of a communications campaign to foster a culture of legality in the region.	People	Level, target audience, outreach medium	Data collection by project technical team	0	4,000	7,500	10,000	10,000

ANNEX C. INDICATOR REFERENCE SHEETS.

The following section contains detailed Performance Indicator Reference Sheets for each results-level indicator. Each reference sheet is fully consistent with the guidance (mandatory and suggested) contained in ADS 200 and provides information on:

- Indicator definition, unit of measurement, and any data disaggregation requirements;
- Data collection method, data sources, timeline for data acquisition, and BIOREDD+ staff responsible for data acquisition;
- Plans for data analysis, review, and reporting;
- Data quality issues, including any actions taken or planned to address data limitations; and
- Notes on baselines, targets, and data calculation methods.

Performance Indicator Reference Sheet			
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result: N/A			
Name of Sub-intermediate Result: N/A			
Indicator Number: BR-4-001 (DO4-001)			
Name of Indicator: Number of hectares of biological significance and/or natural resources under improved natural resource management as a result of USG assistance.			
Is this an Output Indicator? No		Is this an Outcome Indicator? Yes	
Is this an (F) indicator? Yes (F4.8.1-26)			
DESCRIPTION			
<p>Precise Definition(s): "Improved management" includes activities that promote enhanced management of natural resources for one or more objectives, such as conserving biodiversity, sustaining and improving the quality of soil and/or water resources, mitigating climate change, and/or promoting sustainable agriculture, on a sustained basis. Management should be guided by a stakeholder-endorsed process following principles of sustainable natural resource management (NRM) and conservation, improved human and institutional capacity for sustainable NRM and conservation, access to better information for decision-making, and/or adoption of sustainable NRM and conservation practices. An area is considered under "improved management" when any one of the following occurs: a change in legal status favors conservation or environmental management planning; management actions are designed with appropriate participation; human and institutional capacity is developed; management actions are implemented; ongoing monitoring and evaluation is established; adaptive management is demonstrated; or on-the-ground management impacts are demonstrated (e.g., illegal roads closed, snares removed, no-fishing zones demarcated.) Reported as total number of hectares improved during the fiscal year, which can include maintained improvement in previously reported hectares and/or new, additional hectares. The number of hectares is based on documented measures, such as number of hectares in official records for protected areas, property individual or collective titles, GIS or GPS measures or measures of areas under agriculture sustainably reported by partner's technical teams through BIOREDD+ household forms, among others.</p>			
Unit of Measure: hectare			
Disaggregated by: geographical coverage and ecosystem.			
Justification & Management Utility: A spatial indicator is an appropriate measure of the scale of impact of biodiversity conservation and/or NRM interventions. Good management of natural resources is a prerequisite for achieving improved biophysical condition of natural resources. Measures of this indicator demonstrate progress towards sustainable natural resources governance, and can inform adaptive management of programs. The indicator is a reliable annual measure that demonstrates the magnitude of USG investments in biodiversity conservation and other natural resource management.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and implementing partners through official measures or geo-referenced information.			
Data Source: Implementing partners from BIOREDD+ activities or calculation of BIOREDD+ staff through GIS or GPS			
Frequency and timing of data acquisition: continuously			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs.			
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2012			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4)			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports. BIOREDD+ will compare the result with the goal and will analyze data by ecosystem and location.			
Presentation of Data: BIOREDD+ quarterly reports.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group in DevResults and in the field using GPS if it is necessary and possible.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 400,000			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	200,000	0	

2013	300,000		
2014	400,000		
Extension	400,000		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result: NA			
Name of Sub-intermediate Result: NA			
Indicator Number: BR-4-002 (DO4-002)			
Name of Indicator: Number of institutions/public and private organizations with improved capacity for effective environmental resource management.			
Is this an Output Indicator? No		Is this an Outcome Indicator? yes	
Is this an (F) indicator? No			
DESCRIPTION			
<p>Precise Definition(s): The intent of the institutional and organizational capacity building is to strengthen the network of government institutions, NGOs, and local communities to manage Colombia's environmental resources. Institutional capacity is defined in terms of both organizational and technical skills, and capacity building will occur primarily through 1) provision and transfer of tools; 2) policy support; and, 3) administrative and technical support. The number of institutions is based on monitoring process for each one through an instrument designed by BIOREDD+ with type of support (tools, policy, technical or administrative). The number of organizations with improved capacity may include grantees, productive or social organizations beneficiaries through the executed activities, ethnic authorities which participate in strengthening capacity process, among others.</p> <p>Unit of Measure: institutions and organizations</p> <p>Disaggregated by: coverage (national, regional, departmental, municipal), type of organization (public, private -profit or nonprofit-, membership, community, network, coordination mechanism), type of support (tools, policy, administrative)</p> <p>Justification & Management Utility: Capable institutions and improved governance are critical for coordinating, planning, and engaging with environmental resource management issues. The indicator tracks the extent to which institutional capacity building enables successful climate change and biodiversity conservation programs.</p>			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and implementing partners through initial capacity building program and the permanent process of monitoring the compliance of expected results.			
Data Source: Implementing partners of EAF activities and BIOREDD+ Technical team.			
Frequency and timing of data acquisition: Continuously			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs.			
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2012			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ through the quarterly reports; BIOREDD+ will compare the result with the goal and will analyze data by type of entity, administrative level and geographic area. Will analyzed the effects on their performance to achieve effective environmental management.			
Presentation of Data: Quarterly reports and update through the USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group in DevResults.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 30			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes

2012	6		
2013	14		
2014	30		
Extension	30		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result: NA			
Name of Sub-intermediate Result: NA			
Indicator Number: BR-4-003 (DO4-003)			
Name of Indicator: Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.			
Is this an Output Indicator? No		Is this an Outcome Indicator? Yes	
Is this an (F) indicator? Yes (F4.8.1-6)			
DESCRIPTION			
Precise Definition(s): Increased economic benefits are increases in economic earnings or consumption due to sustainable management or conservation of natural resources, which can include wages, communal revenues, non-cash benefits, and economic benefits from ecosystem services. "Increases" refer to economic benefits not received prior to USG assistance. Number of people is estimated by multiplying number of households with increased benefits by average number of people/household. Because the number of individuals is an estimate based on number of households, the indicator is not disaggregated by sex or other individual characteristics. The increases in economic benefits may include, increases in: sales, productivity, heritage, among others.			
Unit of Measure: people			
Disaggregated by: geographic area (department, municipality, vereda)			
Justification & Management Utility: When people receive tangible economic benefits from natural resource management or conservation, they are more likely to value and support these activities into the future, creating a sustainable impact.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and implementing partners using the methodology and tool developed by BIOREDD+ M&E group.			
Data Source: Implementing partners from BIOREDD+ activities			
Frequency and timing of data acquisition: semiannually			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Project COTR/AOTR.			
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners			
Individual(s) responsible for providing data to USAID: COP BIOREDD+			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: 2012			
Known Data Limitations and Significance (if any): To be determined.			
Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4)			
Procedures for Future Data Quality Assessments: To be determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by Sex (male, female) and Geographic area.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 7,000			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	3,000		
2014	7,000		

Extension	7,000		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.1 Environmental governance strengthened	
Name of Sub-intermediate Result: NA	
Indicator Number: BR-4-004 (DO4-004)	
Name of Indicator: Number of institutions with improved capacity to address climate change issues as a result of UGS assistance.	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? Yes (F 4.8.2-14)	
DESCRIPTION	
Precise Definition Institutions with improved capacity will be better able to govern, coordinate, analyze, advice, or make decisions related to mitigation and/or adaptation to climate change, through clean energy, or sustainable landscapes, among others. Relevant institutions include public sector entities, private sector entities, community groups, trade unions, and others. Institutional capacity is defined in terms of both organizational and technical skills, and capacity building will occur primarily through 1) provision and transfer of tools; 2) policy support; and, 3) administrative and technical support. The number of institutions is based on monitoring process for each one through an instrument designed by BIOREDD+ with type of support (tools, policy, technical or administrative). The number of organizations with improved capacity may include grantees, ethnic authorities which participate in strengthening capacity process, among others. The results of this indicator are considered like a subset of the indicator "Number of institutions/public and private organizations with improved capacity for effective environmental resource management"	
Unit of Measure: Institutions /Organizations.	
Disaggregated by: coverage (national, regional, departmental, municipal), type of organization (public, private – profit or nonprofit-, membership, community, network, coordination mechanism), type of support (tools, policy, administrative)	
Justification & Management Utility: Capable institutions and improved governance are critical for coordinating, planning and engaging, with climate change issues. This indicator will be used to track the extent to which institutional capacity enables successful climate change programs, and to indicate the coverage of GCCl efforts.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners through initial capacity building program and the permanent process of monitoring the compliance of expected results.	
Data Source: Implementing partners of EAF Activities	
Frequency and timing of data acquisition: continuously	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities.	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: COTRs/AOTRs	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: M&E Specialist with support of technical staff.	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: FY 2012	
Known Data Limitations and Significance (if any): To be determined	
Actions Taken or Planned to Address Data Limitations: To be determined.	
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4)	
Procedures for Future Data Quality Assessments: To be determined.	
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING	
Data Analysis: Data will be analyzed by BIOREDD+; we will compare the result with the goal and will analyze data by institutional focus (i.e. clean energy, adaptation, sustainable landscape, climate change) and coverage (national, regional, department and local)	
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.	
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.	
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS	
OTHER NOTES	
Notes on Baselines/Targets: Baseline: 0 Target: 15	
Other Notes:	

PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	5		
2014	15		
Extension	15		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.1 Environmental governance strengthened	
Name of Sub-intermediate Result: Sub-IR 4.1.1	
Indicator Number: BR-4-005 (DO4-005)	
Name of Indicator: Number of laws, policies, strategies, plans, agreements, or regulations addressing climate change (mitigation or adaptation) and/or biodiversity conservation officially prepared, proposed, adopted, or implemented as a result of USG assistance.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? No
Is this an (F) indicator? Yes F4.8.2-28	
DESCRIPTION	
<p>Precise Definition(s): Policies, laws, strategies, plans, agreements and regulations include those developed and formally endorsed by governmental, non-governmental, civil society, and/or private sector stakeholders to address climate change and/or biodiversity conservation issues. If a measure is not yet adopted, it must at least be formally proposed within an official government process to be reported. The policies, laws, strategies, plans, agreements and regulations to be measured would be classified in some of following options:</p> <ul style="list-style-type: none"> • Clean energy • Biodiversity conservation • Sustainable landscapes / Mitigation • Adaptation • Cross-cutting <p>The indicator measures the number of laws and decrees developed, approved and implemented on the basis of a four-step scale of progress in this process. The scale is:</p> <ol style="list-style-type: none"> 1- Officially Prepared 2- Officially proposed or Formal presentation to the government; 3- Officially adopted or Approval by the government (Executive in the case of decrees; Congress in the case of laws); 4- Officially implemented or Implementing regulations; <p>The point of the scale is to have an indicator of progress for each policy and a cumulative table of the number of items at each stage in the process. The management plans of Protected Areas are not included in this indicator.</p>	
Unit of Measure: mandates	
Disaggregated by: Sector of policy (clean energy, biodiversity conservation, mitigation/sustainable landscapes, adaptation, cross-cutting)	
Justification & Management Utility: An improved enabling environment through legal and policy reform, strategy development and planning is essential for ensuring that efforts and investments in climate change and biodiversity conservation have legal and strategic backing and institutional ownership.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners through an initial and semiannual tracked Information collect using a tools designed by BIOREDD+ M&E Group.	
Data Source: Implementing partners of EAF Activities	
Frequency and timing of data acquisition: Continuously	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities.	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: COTRs/AOTRs	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COPs of projects listed above.	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: FY 2012	
Known Data Limitations and Significance (if any): To be determined	

Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+; we will compare the result with the goal and will analyze data by entity type, mandate scale and policy framework (clean energy, conservation of biodiversity, sustainable landscape, adaptation and cross-cutting).			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 24			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	2		
2013	14		
2014	24		
Extension	24		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.1 Environmental governance strengthened	
Name of Sub-intermediate Result: Sub-IR 4.1.2 Improved capacity to quantify ecosystem services, such as GHG sequestration, and other climate change mitigation elements resulting from biodiversity conservation.	
Indicator Number: BR-4-006 (DO4-006)	
Name of Indicator: Number of mitigation and/or adaptation tools, technologies and methodologies developed, tested and/or adopted.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): Technologies and methodologies can include ways to measure and calculate carbon emissions, perform GHG inventories, and measure and monitor pollution reduction or manufacturing efficiency gains. Other examples are GIS/GPS data collection and dissemination platforms and methodologies, and improved field technologies like soil management methods or a new solar electric application. Each innovation will be rated according to the following scale: 1-developed; 2-tested; 3-adopted. The point of the scale is to have an indicator of progress for each innovation and a cumulative table of the number of items at each stage in the process.	
Unit of Measure: number of innovations	
Disaggregated by: ranking on scale	
Justification & Management Utility: The USG is a leader in technology and methodology innovation and this should be documented.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners.	
Data Source: Implementing partners from BIOREDD+ activities.	
Frequency and timing of data acquisition: continuously	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
Data collection method: To be collected by BIOREDD+'s team and implementing partners.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: NA	
Known Data Limitations and Significance (if any): to be determined	
Actions Taken or Planned to Address Data Limitations: to be determined	

Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+; we will compare the result with the goal and will analyze data according with the scale.			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS..			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 5			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	4		
2014	4		
Extension	5		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.2 Climate change mitigation and adaptation improved.	
Name of Sub-intermediate Result: NA	
Indicator Number: BR-4-007 (DO4-007)	
Name of Indicator: Quantity of Greenhouse Gas (GHG) emissions, measured in metric million tons of CO2 equivalent (CO2e), reduced or sequestered as a result of USG assistance.	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? Yes (F 4.8-7)	
DESCRIPTION	
Precise Definition(s): The CO2e emissions reductions that will result as a consequence of implementing projects registered/validated. The USG supported will allow for the development and registration of projects aimed at climate change mitigation or carbon sequestration through conservation and sustainable management of natural resources. These reductions will be measured at the regional and local levels over a period of 10 years minimum and summed across geographic areas.	
Unit of Measure: Metric tons of CO2 equivalent	
Disaggregated by: geographic coverage	
Justification & Management Utility: Reducing GHG emissions has long-term impacts on slowing climate change, and global implications for the extent of impacts. Reducing GHG emissions can also have strong ancillary benefits for pollution, security, health, and women.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be calculated by implementing partners of EAF activities related to develop and implement REDD projects.	
Data Source: Implementing partners from the BIOREDD+ activities	
Frequency and timing of data acquisition: Annually	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities or to be calculated and budgeted by new activities.	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: COTR/AOTR	
Individual(s) responsible for providing data to BIO-REDD: Manager of implementing partners activities	
Individual(s) responsible for providing data to USAID: COP of BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: Y 2012	
Known Data Limitations and Significance (if any): Several different methodologies could be employed to calculate this indicator, creating the potential for data manipulation to show the most favorable results.	

Actions Taken or Planned to Address Data Limitations: Integrity: Methods for calculating emissions should be clearly documented and easy to understand.			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ will analyze data by geographic area and emission/sequestration source (forestry, agriculture, others)			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Annual report sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 18 Metric Million Tons CO2 e			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	1		
2013	1		
2014	18		
Extension	18		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.2 Climate change mitigation and adaptation improved.	
Name of Sub-intermediate Result: Sub-IR 4.2.1 Increased sustainable landscape management of tropical forests to mitigate future impacts of climate change.	
Indicator Number: BR-4-008 (DO4-008)	
Name of Indicator: Number of REDD+ projects designed, validated and marketed.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? No
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): Sustainable landscape practices reduce greenhouse gas through activities that reduce emissions from tropical forest destruction and degradation. A project is an activity where productive and conservation practices can be coordinated in a territory so that degraded forestlands can recover and/or deforestation trends decreased. The result of the project is the gains of carbon stocks in the territory over a sustained long term. Each project will be rated according to the following scale: 1-designed (PDD completed); 2-validated (validated by international auditors according to internationally accepted REDD+ standards); 3-financed (marketed, seek funding for activity).	
Unit of Measure: REDD+ projects	
Disaggregated by: geographical coverage	
Justification & Management Utility: The indicator measures the effectiveness of USG support for sustainable landscape management at the community level.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+ climate change technical group	
Data Source: BIOREDD+ subcontractors and climate change technical group.	
Frequency and timing of data acquisition: Continuously	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities or to be calculated and budgeted by new projects.	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: COTR for BIOREDD+ project	
Individual(s) responsible for providing data to BIOREDD+: Implementing partners of EAF activities or Climate Change BIOREDD+ technical group.	
Individual(s) responsible for providing data to USAID: COP of BIOREDD+ project.	
Location of Data Storage: BIOREDD+ DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: NA	
Known Data Limitations and Significance (if any): To be determined.	
Actions Taken or Planned to Address Data Limitations: To be determined.	
Date of Future Data Quality Assessments: NA	

Procedures for Future Data Quality Assessments: NA			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal, disaggregated by geographic areas or ethnic territory (<i>resguardo o territorio colectivo</i>)			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly report and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 8			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	0		
2014	8		
Extension	8		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.2 Climate change mitigation and adaptation improved.	
Name of Sub-intermediate Result: Sub-IR 4.2.2 Climate change adaptation capacity improved in target regions.	
Indicator Number: BR-4-009 (DO4-009)	
Name of Indicator: Number of stakeholders with increased capacity to adapt to the impacts of climate variability and change as a result of USG assistance.	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? Yes (F 4.8.2-26)	
DESCRIPTION	
Precise Definition(s): Adaptive capacity is the ability to adjust to climate change, to moderate potential damages, to take advantage of opportunities, or to cope with the consequences, USG support to increase adaptive capacity should aim beyond only the near terms, to also have benefits in the middle and longer term. An increase in adaptive capacity can be shown with the use of surveys or assessment of capacities. The narrative accompanying this indicator should describe adaptive capacity in the project context and indicate the stakeholders involved. Examples of adaptive capacity include: implementing risk-reducing practices to improve resilience to climate change; implementing water-saving strategies; making index-base micro-insurance available to farmers; adjusting farming practices to cope with climate stress; implementing education campaigns to promote use of risk reducing practices; assessing and managing risks and vulnerabilities of population and resources to alleged changes of climate; strengthening of the governance of local social organizations; or using climate information in decision-making. Stakeholders are defined as communities and organizations.	
Unit of Measure: Number of Stakeholders as communities and organizations.	
Disaggregated by: geographic area, community or organization	
Justification & Management Utility: This indicator is a measure of stakeholders' abilities to understand, plan and act as climate stresses evolve. The ability to deal with the climate change will depend on the awareness, information, tools, technical knowledge, organization, and financial resources. These results will help estimate the coverage and effectiveness of the USAID portfolio.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners. BIO-REDD M&E will design a tool to collect the data to describe adaptive changes achieved.	
Data Source: Implementing partners from BIOREDD+ activities.	
Frequency and timing of data acquisition: continuously	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: FY2012	

Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal, disaggregated by geographic areas. The analysis will describe adaptive capacity in the project context and indicate the stakeholders involved.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 8			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	0		
2014	8		
Extension	8		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.2 Climate change mitigation and adaptation improved.	
Name of Sub-intermediate Result: Sub-IR4.2.3 Increased access to clean energy resources.	
Indicator Number: BR-4-010 (DO4-010)	
Name of Indicator: Amount of investment leveraged in U.S. dollars, from private and public sources, for climate change as a result of USG assistance.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? Yes (F4.8.2-10)	
DESCRIPTION	
Precise Definition(s): Funding leveraged, as a result of USAID assistance, for climate change programs, including REDD+, that support actions, activities, projects or programs that reduce or sequester GHGs or increase capacity to adapt to the impacts of climate variability and change. Funding may be leveraged from the public sector (e.g., other donors) or private sector financing (e.g., corporate investments under PPP arrangements) and must be additional to USG funds invested in a program and must advance the objectives established by the USG-supported program. Leveraged funds can include funding transferred to a common funding instrument, delivered in parallel or future financing commitments such as future payments for environmental services or carbon credit purchases, or provided in-kind. In-kind funding will be monetized by the implementer. In-kind contributions of infrastructure and/or goods and services are monetized by the entity making the investment. Labor contributions are calculated on the basis of the standard rate for day labor in the region and/or valued by skill level.	
Unit of Measure: U.S. Dollars (millions)	
Disaggregated by: source of funds (public international, public GOC, private, community), planned or executed	
Justification & Management Utility: USG funds are intended to be catalytic and to have sustainable benefits. Sustained private investment is a positive indicator of a supportive enabling environment. Good programs should attract additional investments, or test hypotheses as to the most effective strategies, techniques, and/or necessary capacities for addressing climate change. If successful, funds for scaling up or replicating results should be mobilized, whether from domestic or international sources.	
PLAN FOR DATA ACQUISITION BY USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners.	
Data Source: Implementing partners from BIOREDD+ activities	
Frequency and timing of data acquisition: semiannually	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	

Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2012			
Known Data Limitations and Significance (if any): To be determined.			
Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. BIOREDD+ will analyze by source of funds			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 9			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	0		
2014	9		
Extension	9		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.3 Conservation of biodiversity improved	
Name of Sub-intermediate Result: NA	
Indicator Number: BR-4-011 (DO4-012)	
Name of Indicator: Number of communities and other stakeholders adopting sustainable practices to improve biodiversity conservation.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): Sustainable practices are activities adopted by communities or groups in response to a biodiversity threat, which provide social and economic benefits to the population (e.g., agroforestry, sustainable cattle ranching, ecotourism), and at the same time reduce or prevent threats (direct and/or indirect) to biodiversity. The practice is defined as sustainable when it both benefits the human population and conserves biodiversity for the future. A sustainable practice is considered to be adopted when it is implemented by a community or group. A practice is socio/cultural sustainable when generate satisfiers for any/different human fundamentals needs, amply the benefits to other groups of people or develop a synergic relationship with others practices. A practice is environmental sustainable when reduce one or more threats or pressures to biodiversity or improve the viability of any conservation target. A stakeholder is an organization interested and involved in the particular issue.	
Unit of Measure: community and other stakeholders	
Disaggregated by: geographic area, community or organization.	
Justification & Management Utility: Communities that adopt sustainable practices to support the social and economic needs of the population change the way in which they utilize the natural resources and contribute to the broad objective of increasing the area of the country under improved management.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners.	
Data Source: Implementing partners from BIOREDD+ activities.	
Frequency and timing of data acquisition: Quarterly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	

DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: NA			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal, disaggregated by geographic areas.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 17			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	10		
2014	17		
Extension	17		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.3 Conservation of biodiversity improved	
Name of Sub-intermediate Result: Sub-IR 4.3.1 Improved sustainable management of natural resources in protected areas and buffer zones, indigenous reserves and Afro-Colombian territories.	
Indicator Number: BR-4-012 (DO4-015)	
Name of Indicator: Amount of investment (US dollars) leveraged from public and private sources for improved biodiversity conservation in protected areas and buffer zones, indigenous reserves, and Afro-Colombian territories.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): Funding leveraged to advance the objectives established by a USG-supported program, for management of natural resources in protected areas and buffer zones, indigenous reserves and Afro-Colombian territories that support actions, activities, projects or programs in these areas. Funding may be leveraged from the public sector (e.g., other donors) or private sector financing (e.g., corporate investments, funds under PPP arrangements). Leveraged funds can include funding transferred to a common funding instrument, delivered in parallel, or provided in-kind. In-kind funding will be monetized by the implementer. In-kind contributions of infrastructure and/or goods and services are monetized by the entity making the investment. Labor contributions are calculated on the basis of the standard rate for day labor in the region and/or valued by skill level.	
Unit of Measure: U.S. dollars	
Disaggregated by: source (public international, public GOC, private, community), planned or executed.	
Justification & Management Utility: USG funds are intended to be catalytic and to have sustainable benefits. Sustained private investment is a positive indicator of a supportive enabling environment. Good programs should attract additional investments, or test hypothesis as to the most effective strategies, techniques, and/or necessary capacities for addressing resource management in protected areas. If successful, funds for scaling up or replicating results should be mobilized, whether from domestic or international sources.	
PLAN FOR DATA ACQUISITION BY USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners.	
Data Source: Implementing partners from BIOREDD+ activities.	
Frequency and timing of data acquisition: Quarterly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	

DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): To be determined.			
Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: NA			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. BIOREDD+. Analyzed by geographic area and type of source.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 2,2			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	1,2		
2014	2,2		
Extension	2,2		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.3 Conservation of biodiversity improved	
Name of Sub-intermediate Result: Sub-IR 4.3.2 Improved economic benefits from sustainable natural resource management and conservation.	
Indicator Number: BR-4-013 (DO4-016)	
Name of Indicator: Amount of economic benefits (US dollars) from payments from ecosystem services and/or ecotourism	
Is this an Output Indicator? No	Is this an Outcome Indicator? yes
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): Increased economic benefits are increases in economic earnings from ecosystem services and/or ecotourism, which can include wages, communal revenues, non-cash benefits, and economic benefits from eco-system services including payments for conservation under PPPs.	
Unit of Measure: U.S. dollars	
Disaggregated by: geographic area.	
Justification & Management Utility: An inclusive measure to assess the economic payoff from investments in sustainable management for conservation of natural resources is useful to demonstrate the impact of these investments relative to investments that exploit natural resources without sustainable management.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by implementing partners through an initial and semiannual or annual tracked.	
Data Source: Implementing partners of EAF Activities	
Frequency and timing of data acquisition: Quarterly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities or to be calculated and budgeted by new projects.	
Individual(s) responsible at USAID: COTRs/AOTRs	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible for providing data to USAID: COP of BIOREDD+	
Individual(s) responsible for providing data to USAID: Managers activities of implementing Partners	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: FY2012	
Known Data Limitations and Significance (if any): To be determined	
Actions Taken or Planned to Address Data Limitations: To be determined	

Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+; we will compare the result with the goal and will analyze data by geographic area.			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS..			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: TBD Target: 2M			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	1M		
2014	2M		
Extension	2M		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.3 Conservation of biodiversity improved	
Name of Sub-intermediate Result: Sub-IR 4.3.3 Environmental awareness increased.	
Indicator Number: BR-4-014(DO4-017)	
Name of Indicator: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? Yes (F 4.8.1-27)	
DESCRIPTION	
Precise Definition(s): The number of individuals participating in learning activities intended for teaching or imparting knowledge and information on natural resources management and/or biodiversity conservation to the participants with designed instructors or lead persons, learning objectives, and outcomes, conducted fulltime or intermittently. NRM and biodiversity conservation training can consist of transfer of knowledge, skills, or attitudes through structured learning and follow-up activities, or through less structured means, to solve problems or fill identified performance gaps. Training can consist on long-term academic degree programs, short or long-term non-degree technical courses in academic or in other settings, non-academic degree programs, workshops, on-the-job learning experiences, observational study tours, or distance learning exercises or interventions. A person is counted as a training recipient each time that s/he completes a training course. A person who completes more than one training course is counted as a person trained for each course. Under natural resources management would include topics like: agro ecology and sustainable agriculture, natural resources management and policy, water, wetlands and marine resources management, land use planning and management/development, natural resources law enforcement and protective services, forest management/ forest resources management, communication, environmental education, business administration and management, non-profit organizational management, project management, accounting and finance, among others.	
Unit of Measure: Individuals	
Disaggregated by: Sex, ethnicity.	
Justification & Management Utility: Tracking the number of people trained in NRM/Biodiversity Conservation provides information about the reach and scale of training and capacity building efforts.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing	
Data Source: Implementing partners from BIOREDD+ activities	
Frequency and timing of data acquisition: monthly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	

Date of Initial Data Quality Assessment: FY 2012			
Known Data Limitations and Significance (if any): To be determined.			
Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: FY2015 (to be realized by USAID team DO4).			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by Sex (male, female) and Geographic area.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 3,100			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	200		
2013	2,000		
2014	4,600		
Extension	4,600		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.2 Climate change mitigation and adaptation improved	
Name of Sub-intermediate Result:	
Indicator Number: BR-4-015	
Name of Indicator: Number of people receiving USG supported training climate change	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): The number of individuals participating in learning activities intended for teaching or imparting knowledge and information on climate change (mitigation or adaptation). Climate Change training can consist of transfer of knowledge, skills, or attitudes through structured learning and follow-up activities, or through less structured means, to solve problems or fill identified performance gaps. Training can consist on long-term academic degree programs, short or long-term non-degree technical courses in academic or in other settings, non-academic degree programs, workshops, on-the-job learning experiences, observational study tours, or distance learning exercises or interventions. A person is counted as a training recipient each time that s/he completes a training course. A person who completes more than one training course is counted as a person trained for each course.	
Unit of Measure: Individuals	
Disaggregated by: Sex, ethnicity.	
Justification & Management Utility: Tracking the number of people trained in Climate Change provides information about the reach and scale of training and capacity building efforts.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing	
Data Source: Implementing partners from BIOREDD+ activities	
Frequency and timing of data acquisition: monthly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: FY 2012	
Known Data Limitations and Significance (if any): To be determined.	
Actions Taken or Planned to Address Data Limitations: To be determined.	
Date of Future Data Quality Assessments:	

Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by Sex (male, female) and Geographic area.			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 1,500			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	100		
2013	500		
2014	1,200		
Extension	1,500		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: 4.1	
Name of Sub-intermediate Result: 4.1.1. 1 Improved environmental policies for conserving biodiversity and for mitigating for the impacts of global climate change.	
Indicator Number: BR-4-016	
Name of Indicator: Number of government entities trained in PES implementation, including carbon market readiness	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): The core idea of PES is that external ES beneficiaries make direct, contractual and conditional payments to local landholders and users in return for adopting practices that secure ecosystem conservation and Relevant restoration. PES could be mandated or voluntary. PES is a way to seek to reconcile conflicting interests through compensation. Institutions include public sector entities and ethnic authorities (<i>Consejos Comunitarios y Cabildos Indígenas</i>). All entities supported, trained or with improved capacity related PES will be counted under this indicator.	
Unit of Measure: Institutions / organizations	
Disaggregated by: Geographical coverage, type of entity and institutional level.	
Justification & Management Utility: PES is an alternative way to do sustainable the efforts to manage the environmental resources in the target regions	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners of EAF activities.	
Data Source: Implementing partners from BIOREDD+ activities	
Frequency and timing of data acquisition: monthly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIOREDD+ DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: NA	
Known Data Limitations and Significance (if any): To be determined.	
Actions Taken or Planned to Address Data Limitations: To be determined.	
Date of Future Data Quality Assessments: NA	
Procedures for Future Data Quality Assessments: To be determined.	
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING	
Data Analysis: BIOREDD+ we will compare the result with the goal.	
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.	
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.	

Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 13			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	4		
2013	8		
2014	13		
Extension	13		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.	
Name of Intermediate Result: IR 4.1	
Name of Sub-intermediate Result: Sub-IR 4.1.1. 1 Improved environmental policies for conserving biodiversity and for mitigating for the impacts of global climate change.	
Indicator Number: BR-4-017	
Name of Indicator: Number of payments for ecosystem services (PES) designed	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): The core idea of PES is that external ES beneficiaries make direct, contractual and conditional payments to local landholders and users in return for adopting practices that secure ecosystem conservation and restoration. PES could be mandated or voluntary. PES is a way to seek to reconcile conflicting interests through compensation. The design of PES includes: 1- Identifying ecosystem service prospects and potential buyers; 2- Assessing Institutional and Technical Capacity as well as Access; 3 – Structuring Agreements. All the agreements formed for any PES will be counted under this indicator.	
Unit of Measure: Number of PES designed	
Disaggregated by: Type of PES (Carbon sequestration and storage, Biodiversity protection, Watershed protection or Landscape beauty); Ecosystem service (water supply, commercial fishing and aquaculture, ecotourism, recreation, carbon sequestration, others); Geographic area.	
Justification & Management Utility: Payments for ecosystem services are an opportunity to improve the benefits for families living in biological significance areas. Whereas this is an input indicator, it will help gauge BIOREDD+'s effort to improve the 'economic' benefits.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and implementing partners of EAF activities.	
Data Source: Implementing partners from BIOREDD+ activities	
Frequency and timing of data acquisition: monthly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	
Individual(s) responsible at USAID: Project COTR/AOTR.	
Individual(s) responsible for providing data to BIOREDD+: Managers activities of implementing Partners	
Individual(s) responsible for providing data to USAID: COP BIOREDD+	
Location of Data Storage: BIOREDD+ DevResults PBMS. USAID M&E "Monitor" MIS.	
DATA QUALITY ISSUES	
Date of Initial Data Quality Assessment: NA	
Known Data Limitations and Significance (if any): To be determined.	
Actions Taken or Planned to Address Data Limitations: To be determined.	
Date of Future Data Quality Assessments: NA	
Procedures for Future Data Quality Assessments: To be determined.	
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING	
Data Analysis: BIOREDD+ we will compare the result with the goal.	
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.	
Review of Data: First review by implementing partners and BIOREDD+ technical staff, second review by M&E group.	
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS	
OTHER NOTES	

Notes on Baselines/Targets: Baseline: 0 Target: 4			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	1		
2013	3		
2014	4		
Extension	4		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result: IR 4.3 Conservation of biodiversity improved			
Name of Sub-intermediate Result: NA			
Indicator Number: BR-4-018			
Name of Indicator: Number of reform processes supported for sustainable fisheries management and marine conservation			
Is this an Output Indicator? Yes	Is this an Outcome Indicator? no		
Is this an (F) indicator? No			
DESCRIPTION			
Precise Definition(s): Reform processes refer to a future scenario which relies on governance action to correct necessary for sustainable practices of fisheries and marine sustainable management. Reform processes could be regulations, zoning regulations, replacement or new equipment, monitoring system, among others. The reform processes would be in charge of public institutions and/or ethnic authorities (<i>Consejos Comunitarios, Cabildos Indígenas</i>).			
Unit of Measure: Reform process			
Disaggregated by: geographic coverage			
Justification & Management Utility: Institutions should promote changes that lead to sustainable management of marine and coastal natural resources. This changes or reforms guide the communities to adopt sustainable practices and contribute to the broad objective of increasing the area of the country under improved management.			
PLAN FOR DATA ACQUISITION BY BIODREDD+ AND USAID			
Data collection method: To be collected by BIODREDD+'s staff and implementing partners.			
Data Source: Implementing partners from BIODREDD+ activities.			
Frequency and timing of data acquisition: Quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIODREDD+: M&E Manager			
Individual(s) responsible at USAID: Project COTR/AOTR.			
Individual(s) responsible for providing data to BIODREDD+: Managers activities of implementing Partners			
Individual(s) responsible for providing data to USAID: COP BIODREDD+			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: NA			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIODREDD+ we will compare the result with the goal, disaggregated by geographic areas.			
Presentation of Data: BIODREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by implementing partners and BIODREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 17			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes

2012	1		
2013	2		
2014	3		
Extension	3		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result: 4.1 Environmental governance strengthened			
Name of Sub-intermediate Result: 4.1.1 Improved environmental policies for conserving biodiversity and for mitigating for the impacts of global climate change.			
Indicator Number: BR-4-019			
Name of Indicator: Number of Colombian government and other stakeholders receiving project-generated knowledge products			
Is this an Output Indicator? Yes			
Is this an (F) indicator? No		Is this an (F) indicator? No	
DESCRIPTION			
Precise Definition(s): Share project-generated knowledge with public and private institutions contributes to improve environmental management for conserving biodiversity and for mitigating for impacts of global climate change. Stakeholders are defined as communities and organizations.			
Unit of Measure: Institutions / organizations			
Disaggregated by: Target audience			
Justification & Management Utility: This indicator responds to BIOREDD+'s communication strategy which is the basic tool for the development of all communications and knowledge management of the program. Among the audiences and strategic partners, there is the primary audience which includes GOC's officials from relevant ministries (Ministry of Environment, Ministry of Agriculture, and Ministry of Energy), policymakers, national-level entities, other USAID-funded environment projects, regional autonomous corporations, and Private-sector groups that are involved in or related to the environmental sector (e.g., NGOs and private sector businesses, environmental groups, the media, networks and groups); and the secondary audience consisting of Host-country clients of environment-related programs and services, and other individuals who are affected by related services, other international donors or agencies working in the sector, other USAID stakeholders, researchers working on environmental issues, and The American People (USAID/ Washington and Congress), among others.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+ team and implementing partners.			
Data Source: Implementing partners of EAF activities and BIOREDD+ Technical team			
Frequency and timing of data acquisition: monthly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Project COTR/AOTR.			
Individual(s) responsible for providing data to BIOREDD+: BIOREDD+ implementing partners.			
Individual(s) responsible for providing data to USAID: COP BIOREDD+			
Location of Data Storage: BIOREDD+ DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): To be determined.			
Actions Taken or Planned to Address Data Limitations: To be determined.			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be determined.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ through the quarterly reports. To be complemented with the evaluation of the communications strategy			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+ technical staff, second review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS.			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 20			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes

2012	0		
2013	5		
2014	20		
Extension	20		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO-4: Colombian efforts to sustainably manage the country's environmental resources reinforced.			
Name of Intermediate Result:			
Name of Sub-intermediate Result:			
Indicator Number: BR-4-024			
Name of Indicator: GIS-based, M&E and reporting system developed			
Is this an Output Indicator? Yes			
Is this an (F) indicator? No		Is this an (F) indicator? No	
DESCRIPTION			
Precise Definition(s): M&E will be critical to setting the course, tracking the progress, and sharing the accomplishments and experience of the project. The M&E system will be part of an integrated performance – based management system built around a geo-referenced activities and grants database developed by CaudillWeb.			
Unit of Measure: Database			
Disaggregated by: NA			
Justification & Management Utility: According with USAID regulations BIOREDD+ will develop a system that allow manage the data related with the performance of the project.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+ M&E group			
Data Source: M&E group			
Frequency and timing of data acquisition:			
Estimated cost of data acquisition: Cost subsumed under the contract			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Project COTR/AOTR.			
Individual(s) responsible for providing data to BIOREDD+: BIOREDD+ implementing partners.			
Individual(s) responsible for providing data to USAID: COP BIOREDD+			
Location of Data Storage: BIOREDD+ DevResults PBMS. USAID M&E "Monitor" MIS.			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): NA			
Actions Taken or Planned to Address Data Limitations: NA			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: NA			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be reported when			
Presentation of Data: BIOREDD+ quarterly reports. Data can also be retrieved through automated reports from the USAID M&E "Monitor" MIS.			
Review of Data: Review by M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS.			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 1			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	1		
2014	1		
Extension	1		
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Name of Development Objective: Development Objective 1 (DO-1) Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-001			
Name of Indicator: Number of hectares of land affected by mining rehabilitated.			
Is this an Output Indicator? No			Is this an Outcome Indicator? Yes
Is this an (F) indicator? No			
DESCRIPTION			
Precise Definition(s): A rehabilitated area is one in which mining activity has stopped and activities aimed at rehabilitating soils and/or restoring vegetation cover has begun. Rehabilitation can be done with the aim of establishing forest or agricultural activities, or for the purpose of rehabilitating the degraded ecosystem to restore their ability to provide environmental services.			
Unit of Measure: hectares			
Disaggregated by: geographic area, coverage, ecosystem			
Justification & Management Utility: A spatial indicator is an appropriate measure of the scale of accomplishment of environmental rehabilitation in areas degraded by mining activities.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and/or implementing partners through official measures or geo-referenced information.			
Data Source: Implementing partners or staff of BIOREDD+ through GIS or GPS.			
Frequency and timing of data acquisition: quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COR			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIOREDD+ and MONITOR databases			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: NA			
Known Data Limitations and Significance (if any): To be determinate			
Actions Taken or Planned to Address Data Limitations: To be determinate			
Date of Future Data Quality Assessments: To be determinate			
Procedures for Future Data Quality Assessments: To be determinate			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports comparing the result with the goal and will analyze data by ecosystem and geographic area covered.			
Presentation of Data: Quantitative data and maps with the localization of the hectares rehabilitated in quarterly reports			
Review of Data: The geo-referenced information will be reviewed at first moment for the implementing partners after that by BIOREDD+ M&E group			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Program			
OTHER NOTES			
Notes on Baselines/Targets: 600 hectares			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	0		
2014	300		
Extension	600		
THIS SHEET LAST UPDATED ON: 31 July 2013 BY: BIOREDD+ M&E Manager – Helena Andrade			
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Performance Indicator Reference Sheet			
Name of Development Objective: Development Objective 1 (DO-1) Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-002			
Name of Indicator: Number of miners accessing new markets that recognize the economic value of gold from mining operation with high environmental and social performance.			
Is this an Output Indicator? Yes			Is this an Outcome Indicator? No
Is this an (F) indicator? No			

DESCRIPTION			
Precise Definition(s): Miner means a person who works independently or as 'employee' in a mining operation. If a mining operation established commercial agreements with a company that sells gold in formal markets of socially and environmentally responsible suppliers and buyers, all the miners employed by the operation will be counted.			
Unit of Measure: People.			
Disaggregated by: Geographic area, sex, location, market accessed			
Justification & Management Utility: When people receive tangible economic recognize from mining operation with high environmental and social performance, they are more likely to value and support these activities into the future, creating a sustainable impact.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and/or implementing partners.			
Data Source: Implementing partners or staff of BIOREDD+. EAF partners			
Frequency and timing of data acquisition: quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COR			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIOREDD+ and MONITOR databases			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: To be determinate			
Known Data Limitations and Significance (if any): To be determinate			
Actions Taken or Planned to Address Data Limitations: To be determinate			
Date of Future Data Quality Assessments: To be determinate			
Procedures for Future Data Quality Assessments: To be determinate			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports comparing the result with the goal and will analyze data by attributes of sex, age and localization.			
Presentation of Data: Quantitative data in quarterly reports			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Program			
OTHER NOTES			
Notes on Baselines/Targets: 100 miners			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	30		
2014	80		
Extension	100		
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Performance Indicator Reference Sheet	
Name of Development Objective: Development Objective 1 (DO-1) Civilian Government Presence in CSDI Zones Consolidated	
Name of Intermediate Result: 1.3 Economic development catalyzed	
Name of Sub-intermediate Result: 1.3.2Rural development programs in CSDI zones implemented.	
Indicator Number: BR-1-003	
Name of Indicator: Number of mining operations reducing mercury use by at least 25 percent	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? No	
DESCRIPTION	
<p>Precise Definition(s): Mercury (Hg) is used in the process of concentration of gold (Au). Its use can be eliminated or reduced by technological changes in the concentration process. The percentage of reduction in the use of mercury (% Reduction) corresponds to 1 minus the ratio of mercury used per unit of gold produced after technological change and the ratio of mercury used per unit of gold produced before the technological change, multiplied by 100:</p> $\% \text{ Reduction} = 1 - \left(\frac{\left(\frac{\text{Hg}}{\text{Au}} \right) \text{ after}}{\left(\frac{\text{Hg}}{\text{Au}} \right) \text{ before}} \right) \times 100$	
Unit of Measure: UPM	

Disaggregated by: geographic area																
Justification & Management Utility: Mercury is a neurotoxic substance; its use in the mining and industrial sectors was prohibited recently by the congress. The ban on the use of mercury will take effect in five years for miners. The indicator will measure advances made towards the goal of complete elimination by quantifying the reduction in the purchase and/or use of mercury in the mining operations working with BIOREDD+																
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID																
Data collection method: To be collected by BIOREDD+'s staff and/or implementing partners. The Antioquia's BIOREDD+ team will collect the baseline for each mining operation that is working with the program and will monitor the percent reduction in mercury purchase and use in each case. Reductions sum of mining operations supported, over the base line calculated by United Nations in Segovia.																
Data Source: Implementing partners or staff of BIOREDD+.																
Frequency and timing of data acquisition: Quarterly																
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities																
Individual(s) responsible at BIOREDD+: M&E Manager																
Individual(s) responsible at USAID: Projects COR																
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners																
Individual(s) responsible for providing data to USAID: BIOREDD+ COP																
Location of Data Storage: BIOREDD+ and MONITOR databases																
DATA QUALITY ISSUES																
Date of Initial Data Quality Assessment: To be determinate																
Known Data Limitations and Significance (if any): To be determinate																
Actions Taken or Planned to Address Data Limitations: To be determinate																
Date of Future Data Quality Assessments: To be determinate																
Procedures for Future Data Quality Assessments: To be determinate																
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING																
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports comparing the result with the goal and will analyze data																
Presentation of Data: Quantitative data in quarterly reports																
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.																
Reporting of Data: Quarterly reports and updates sent to USAID M&E Program																
OTHER NOTES																
Notes on Baselines/Targets: 30																
Other Notes:																
PERFORMANCE INDICATOR VALUES																
<table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Target</th> <th>Actual</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2013</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>2014</td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>Extension</td> <td>30</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Target	Actual	Notes	2013	0			2014	20			Extension	30		
Fiscal Year	Target	Actual	Notes													
2013	0															
2014	20															
Extension	30															
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Performance Indicator Reference Sheet	
Name of Development Objective: Development Objective 1 (DO-1) Civilian Government Presence in CSDI Zones Consolidated	
Name of Intermediate Result: 1.3 Economic development catalyzed	
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.	
Indicator Number: BR-1-004	
Name of Indicator: Number of mining operations with formal mining rights	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): A gold mining unit or operation is a production chain that incorporates all the processes of mineral extraction and gold recovery, including: extraction, processing and refining of gold, and marketing. They are considered mining operations with formal rights when they meet the provisions of the existing mining and environmental legislation.	
Unit of Measure: Mining operation	
Disaggregated by: geographic area, location, type of organization, role	
Justification & Management Utility: The legalization and formalization of illegal / informal mining operations contribute to economic and social development, leading to improvements in tax revenue, prevent and mitigate environmental degradation, avoid the generation of environmental liabilities, reduce corruption and limit the sources of financing of criminal organizations.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	

Data collection method: To be collected by BIOREDD+'s staff and/or implementing partners from official public data. For each mining unit will be collected a base line data and each change will be monitoring quarterly.																
Data Source: Implementing partners or staff of BIOREDD+. EAF partners.																
Frequency and timing of data acquisition: quarterly																
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities																
Individual(s) responsible at BIOREDD+: M&E Manager																
Individual(s) responsible at USAID: Projects COR																
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners																
Individual(s) responsible for providing data to USAID: BIOREDD+ COP																
Location of Data Storage: BIOREDD+ and MONITOR databases																
DATA QUALITY ISSUES																
Date of Initial Data Quality Assessment: To be determinate																
Known Data Limitations and Significance (if any): To be determinate																
Actions Taken or Planned to Address Data Limitations: To be determinate																
Date of Future Data Quality Assessments: To be determinate																
Procedures for Future Data Quality Assessments: To be determinate																
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING																
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports comparing the result with the goal and will analyze data by localization.																
Presentation of Data: Quantitative data in quarterly reports																
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.																
Reporting of Data: Quarterly reports and updates sent to USAID M&E Program																
OTHER NOTES																
Notes on Baselines/Targets: 60																
Other Notes:																
PERFORMANCE INDICATOR VALUES																
<table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Target</th> <th>Actual</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>2013</td> <td>40</td> <td></td> <td></td> </tr> <tr> <td>2014</td> <td>60</td> <td></td> <td></td> </tr> <tr> <td>Extension</td> <td>60</td> <td></td> <td></td> </tr> </tbody> </table>	Fiscal Year	Target	Actual	Notes	2013	40			2014	60			Extension	60		
Fiscal Year	Target	Actual	Notes													
2013	40															
2014	60															
Extension	60															
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Performance Indicator Reference Sheet	
Name of Development Objective: Development Objective 1 (DO-1) Civilian Government Presence in CSDI Zones Consolidated	
Name of Intermediate Result: 1.3 Economic development catalyzed	
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.	
Indicator Number: BR-1-005	
Name of Indicator: Number of mining associations with strengthened capacity to provide legal and technical assistance to their members and to participate in the implementation of environmental monitoring and compliance.	
Is this an Output Indicator? No	Is this an Outcome Indicator? Yes
Is this an (F) indicator? No	
DESCRIPTION	
Precise Definition(s): A small mining association with strengthened capacity is one in which the organization has improve or expanded its member services, such as technical or business assistance, legal aid, and access to clean and efficient technologies. Organizational strengthening can be achieved through the provision of technical and administrative assistance, provision and transfer technology or training of its members.	
Unit of Measure: Organization	
Disaggregated by: Geographic area	
Justification & Management Utility: The small mining associations are the principle vehicles by which to strengthen the United Miners. As such, it is critical to strengthen the capacity of these small associations so the larger organizational strengthening goals may be achieved.	
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID	
Data collection method: To be collected by BIOREDD+'s staff and/or implementing partners using the methodology and tool developed by BIOREDD+ M&E group.	
Data Source: Implementing partners or staff of BIOREDD+.	
Frequency and timing of data acquisition: quarterly	
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities	
Individual(s) responsible at BIOREDD+: M&E Manager	

Individual(s) responsible at USAID: Projects COR
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners
Performance Indicator Reference Sheet

Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIOREDD+ and MONITOR databases			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determinate			
Actions Taken or Planned to Address Data Limitations: To be determinate			
Date of Future Data Quality Assessments: To be determinate			
Procedures for Future Data Quality Assessments: To be determinate			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Data will be analyzed by BIOREDD+ in their quarterly reports comparing the result with the goal and will analyze data by localization.			
Presentation of Data: Quantitative data in quarterly reports			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Program			
OTHER NOTES			
Notes on Baselines/Targets: 3			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	2		
2014	3		
Extension	3		
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Name of Development Objective: DO1- Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-006			
Name of Indicator: Number of municipalities with strengthened capacity to provide technical, legal and organizational assistance to small mining operations			
Is this an Output Indicator? No			Is this an Outcome Indicator? Yes
Is this an (F) indicator? No			
DESCRIPTION			
Precise Definition(s): A municipality with strengthened capacity will provide to their miners better services related with technical, legal or organizational assistance. Institutional capacity is defined in terms of both, organizational and technical skills, and capacity building will occur primarily through: 1) provision or transfer of tools; 2) policy support; 3) administrative and technical support; and, 4) create or improve services to the miners.			
Unit of Measure: Institutions/ Organizations municipalities			
Disaggregated by: Geographical coverage, type of entity and institutional level.			
Justification & Management Utility: Capable institutions and improved governance are critical for environmental, technical and social accomplishment with mining formalization issues. The indicator tracks the extent to which institutional capacity building enables successful mining formalization program.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff through initial capacity building program and the permanent process of monitoring the compliance of expected results.			
Data Source: Data collection by Bioredd+ staff and implementing partners.			
Frequency and timing of data acquisition: Quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be Determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by entity type, geographical coverage and institutional level			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 5			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	1		
2014	3		
Extension	5		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO1- Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			

Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-007			
Name of Indicator: Number of incentives developed or used to promote and support formalization of small mining operations			
Is this an Output Indicator? No			Is this an Outcome Indicator? Yes
Is this an (F) indicator? No			
DESCRIPTION			
Precise Definition(s): Incentives are all types of support by U.S. Government to mining operations that facilitate formalization process. Incentives could be included: access to new technology, technical assistance, and legal support, facilitation of access to state services, among others.			
Unit of Measure: Incentives			
Disaggregated by: Type of incentive promoted or developed			
Justification & Management Utility: Incentives supports the formalization process. The incentives motivates miners to take decisions that contribute to achieved objectives individual (safety, image,profitability) and social (environmental improve, legality)			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff.			
Data Source: Data collection by Bioredd+ staff and implementing partners.			
Frequency and timing of data acquisition: Quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be Determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by incentive type.			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 3			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	3		
2014	3		
Extension	3		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO1- Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-008			
Name of Indicator: Number of miners trained in environmental regulation, labor obligations, improved technology, resiliency and best practices			
Is this an Output Indicator? Yes			Is this an Outcome Indicator? No
Is this an (F) indicator? No			
DESCRIPTION			

Precise Definition(s): The number of individuals participating in learning activities intended for teaching or imparting knowledge and information on environmental regulations, labor obligations, technologies, resilience, best practices, among others. Training can consist of transfer of knowledge, skills, or attitudes through structured learning and follow-up activities, or through less structured means, to solve problems or fill identified performance gaps. Training can consist on long-term academic degree programs, short or long-term non-degree technical courses in academic or in other settings, non-academic degree programs, workshops, on-the-job learning experiences, observational study tours, or distance learning exercises or interventions. A person is counted as a training recipient each time that s/he completes a training course. A person who completes more than one training course is counted as a person trained for each course.			
Unit of Measure: Individuals			
Disaggregated by: Sex, ethnicity, skill developed			
Justification & Management Utility: Tracking the number of people trained provides information about the reach and scale of training and capacity building efforts.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff and implementing partners.			
Data Source: Data collection by Bioredd+ staff and implementing partners.			
Frequency and timing of data acquisition: monthly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be Determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by Sex (male, female) ethnicity and skill developed.			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 250			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	200		
2014	200		
Extension	250		
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Performance Indicator Reference Sheet	
Name of Development Objective: DO1- Civilian Government Presence in CSDI Zones Consolidated	
Name of Intermediate Result: 1.3 Economic development catalyzed	
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.	
Indicator Number: BR-1-009	
Name of Indicator: Number of new legal and regulatory instruments (designed, proposed, adopted) to facilitate the improvement and formalization of informal miners.	
Is this an Output Indicator? Yes	Is this an Outcome Indicator? No
Is this an (F) indicator? No	
DESCRIPTION	

<p>Precise Definition(s): New laws and regulations include those developed and formally endorsed by governmental, non-governmental, civil society, and/or private sector stakeholders to address mining legality and formalization and environmental improvement of small mining units or operations. If a measure is not yet adopted, it must at least be formally proposed within an official government process to be reported.</p> <p>The indicator measures the number of laws and decrees developed, approved and implemented on the basis of a four-step scale of progress in this process. The scale is:</p> <ol style="list-style-type: none"> 1- Officially Prepared 2- Officially proposed or Formal presentation to the government; 3- Officially adopted or Approval by the government (Executive in the case of decrees; Congress in the case of laws); 4- Officially implemented or implementing regulations. <p>The point of the scale is to have an indicator of progress for each policy and a cumulative table of the number of items at each stage in the process. The management plans of Protected Areas are not included in this indicator.</p>			
Unit of Measure: Mandates.			
Disaggregated by: 'Mandate' type, type of entity and institutional level, policy framework			
Justification & Management Utility: A legal framework which recognizes social, economic and technological realities is one of the principal barriers to the formalization/legalization and improvement environmental performance of the gold mining. This indicator will be used to track the extent to which legal support successful and to indicate the coverage of U.S. Government efforts			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff.			
Data Source: Data collection by Bioredd+ staff and implementing partners. Monitoring form by 'mandate': designed, proposed, adopted.			
Frequency and timing of data acquisition: Quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIO-REDD DevResults PBMS. USAID M&E "Monitor" MIS			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be Determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by: 'Mandate' type, type of entity and institutional level, policy framework			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 3			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2012	0		
2013	3		
2014	3		
Extension	3		
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Performance Indicator Reference Sheet			
Name of Development Objective: DO1- Civilian Government Presence in CSDI Zones Consolidated			
Name of Intermediate Result: 1.3 Economic development catalyzed			
Name of Sub-intermediate Result: 1.3.2 Rural development programs in CSDI zones implemented.			
Indicator Number: BR-1-011			
Name of Indicator: Number of recipients of a communications campaign to foster a culture of legality in the region			

Is this an Output Indicator? No		Is this an Outcome Indicator? Yes	
Is this an (F) indicator? No			
DESCRIPTION			
Precise Definition(s): The communication strategy is designed to create or strengthen the legality culture. This indicator counts the number of people reached through the different media (radio, TV, billboards, documents published, events, etc.) There are many targets in consequence the media and coverage will be different for each one.			
Unit of Measure: People			
Disaggregated by: Level, target audience, outreach medium			
Justification & Management Utility: Creating a culture of legality locally, on the one hand, and the dissemination of truthful information about the realities of small mining illegal / informal another, contribute to the creation of an environment (local, regional and national) suitable to formalize / legalize this form of mining; and decrease conflicts and prejudices surrounding it were generated. This indicator tracks the output of communication strategy on the perception of different "targets" in relation to legality and environmental and social challenges facing illegal/informal mining.			
PLAN FOR DATA ACQUISITION BY BIOREDD+ AND USAID			
Data collection method: To be collected by BIOREDD+'s staff			
Data Source: Data collection by Bioredd+ staff and implementing partners. Level, target audience, outreach medium			
Frequency and timing of data acquisition: Quarterly			
Estimated cost of data acquisition: Cost subsumed under existing contracts/activities			
Individual(s) responsible at BIOREDD+: M&E Manager			
Individual(s) responsible at USAID: Projects COTRs/AOTRs			
Individual(s) responsible for providing data to BIOREDD: Managers activities of implementing partners			
Individual(s) responsible for providing data to USAID: BIOREDD+ COP			
Location of Data Storage: BIOREDD DevResults PBMS. USAID M&E "Monitor" MIS			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: FY2013			
Known Data Limitations and Significance (if any): To be determined			
Actions Taken or Planned to Address Data Limitations: To be determined			
Date of Future Data Quality Assessments: NA			
Procedures for Future Data Quality Assessments: To be Determined			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: BIOREDD+ we will compare the result with the goal. The analysis will include the disaggregation by Level, target audience, outreach medium			
Presentation of Data: Quarterly reports of BIOREDD+ and update USAID M&E "Monitor" MIS.			
Review of Data: First review by BIOREDD+'s technical staff and activities implementing partners. Second review by BIOREDD+ M&E group.			
Reporting of Data: Quarterly reports and updates sent to USAID M&E Clearinghouse MIS			
OTHER NOTES			
Notes on Baselines/Targets: Baseline: 0 Target: 10,000			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Fiscal Year	Target	Actual	Notes
2013	4,000		
2014	7,500		
Extension	10,000		
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ANNEX C. M&E SCHEDULE

Activity	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14
Design														
Design M&E system (Delivery of the PMP; define internal processes and procedures for collect, analyze and report data; writing users manuals; design instruments)														
Adjust M&E module in DevResults														
Collect														
Training implementing partners in correct use of instruments														
Collecting performance data														
Conducting evaluation and special studies (as needed)														
Analyze, Review and Evaluation														
Partner activities progress review. Data validation.														
Reviewing and updating the PMP, if is necessary.														
Data quality assessment process														
Performance Evaluation, External (Design TORs and collaborate with USAID)														
Report														
Quarterly M&E report														
Annual M&E report														
Final M&E report														